



## State Revolving Fund Loan Programs

### Drinking Water, Wastewater, Nonpoint Source

#### PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

**INDIANA AMERICAN WATER**  
**Kokomo Water Main Replacements**  
**SRF # DW09 27 34 08**

**Date: October 8, 2009**

**Target Project Approval Date: October 9, 2009**

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the Indiana American Water Preliminary Engineering Report submitted to the SRF on March 13, 2009 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

*How were environmental issues considered?*

The National Environmental Policy Act (NEPA) requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an EA or an EIS.

*Why is additional environmental review not required?*

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

*How do I submit comments?*

Comments can be submitted to:

Amy Henninger, Senior Environmental Manager  
SRF Programs  
317-232-6566; ahenning at ifa.in.gov

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## CATEGORICAL EXCLUSION

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### I. PROJECT IDENTIFICATION

|                           |   |
|---------------------------|---|
| Project Name and Address: | Water Main Replacements<br>Indiana American Water – Kokomo<br>555 East County Line Road, Suite 201<br>Greenwood, IN 46143 |
|---------------------------|---|

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|                     |             |
|---------------------|-------------|
| SRF Project Number: | DW 09273408 |
|---------------------|-------------|

|                            |  |
|----------------------------|--|
| Authorized Representative: | Stacy Hoffman<br>Director of Engineering |
|----------------------------|--|

### II. PROJECT LOCATION

**West North Street:** The proposed project is located along West North Street from North Korby Street to the end of the cul-de-sac. The project area is located in Center Township, Howard County, Section 26, Township 24 North, Range 3 East (Kokomo West, Indiana USGS Quadrangle map). See Figure 2.2.

**Redwood Court:** The proposed project is located along Redwood Court from South Webster Street to the end of the cul-de-sac. The project area is located in Center Township, Howard County, Section 12, Township 24 North, Range 3 East (Kokomo West, Indiana USGS Quadrangle map). See Figure 5.2.

**South Union Street:** The proposed project is located along South Union Street from East Defenbaugh Street to just south of East Firmin Street. The project area is located in Center Township, Howard County, Section 6, Township 23 North, Range 3 East (Kokomo West, Indiana USGS Quadrangle map). See Figure 8.2.

### III. PROJECT NEED AND DESCRIPTION

**West North Street:** The existing 2-inch cast iron pipe has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete pipe via open cut or directional method of installation with 350 LF of 8-inch and 6-inch diameter ductile iron and/or PVC AWWA C900 pipe (C900 PVC with Certa-Lok restrained joint for directional drilling) to alleviate flow and pressure problems in the area.

**Redwood Court:** The existing 2-inch cast iron pipe has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete pipe via open cut or directional method of installation with 340 LF of 8-inch and 6-inch diameter ductile iron and/or PVC AWWA C900 pipe (C900 PVC with Certa-Lok restrained joint for directional drilling) to alleviate flow and pressure problems in the area.

**South Union Street:** The existing 2-inch cast iron pipe has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete pipe via open cut or directional method of installation with 560 LF of 8-inch and 6-inch diameter ductile iron and/or PVC AWWA C900 pipe (C900 PVC with Certa-Lok restrained joint for directional drilling) to alleviate flow and pressure problems in the area.

#### **IV. ESTIMATED PROJECT COSTS, AFFORDABILITY AND FUNDING**

##### **A. Selected Plan Estimated Cost Summary**

###### **West North Street**

###### **Construction Costs**

|                                 |                  |
|---------------------------------|------------------|
| Construction Subtotal           | \$ 71,683        |
| Contingencies                   | 10,752           |
| <i>Construction Costs Total</i> | <i>\$ 82,435</i> |

###### **Non-Construction Costs**

|                                 |                  |
|---------------------------------|------------------|
| Preliminary Engineering Report  | \$ 1,495         |
| Survey and Engineering          | 1,968            |
| Construction and Administration | 3,400            |
| Project Inspection              | 6,800            |
| Permits                         | 150              |
| <i>Non-Construction Total</i>   | <i>\$ 13,813</i> |
| <b>Project Cost</b>             | <b>\$ 96,248</b> |

###### **Redwood Court**

###### **Construction Costs**

|                                 |                  |
|---------------------------------|------------------|
| Construction Subtotal           | \$ 75,366        |
| Contingencies                   | 11,305           |
| <i>Construction Costs Total</i> | <i>\$ 86,671</i> |

###### **Non-Construction Costs**

|                                |          |
|--------------------------------|----------|
| Preliminary Engineering Report | \$ 1,495 |
|--------------------------------|----------|

|                               |                  |
|-------------------------------|------------------|
| Survey and Engineering        | 2,026            |
| Construction Administration   | 3,200            |
| Project Inspection            | 6,400            |
| Permits                       | 150              |
| <i>Non-Construction Total</i> | <i>\$ 13,271</i> |
| <b>Project Cost</b>           | <b>\$ 99,942</b> |

### South Union Street

#### **Construction Costs**

|                                 |                  |
|---------------------------------|------------------|
| Construction Subtotal           | \$ 77,694        |
| Contingencies                   | 11,654           |
| <i>Construction Costs Total</i> | <i>\$ 89,348</i> |

#### **Non-Construction Costs**

|                                  |                   |
|----------------------------------|-------------------|
| Preliminary Engineering Report   | \$ 1,495          |
| Survey and Engineering           | 12,017            |
| Construction and Administrations | 1,000             |
| Project Inspection               | 2,000             |
| Permits                          | 150               |
| <i>Non-Construction Total</i>    | <i>\$ 16,662</i>  |
| <b>Project Cost</b>              | <b>\$ 106,010</b> |

|                           |                   |
|---------------------------|-------------------|
| <b>TOTAL PROJECT COST</b> | <b>\$ 302,200</b> |
|---------------------------|-------------------|

- B. Indiana American Water will finance the project with a 20-year loan of approximately \$302,200 from the State Revolving Fund (SRF) Loan Program at an interest rate to be determined at the time of loan closing. Monthly user rates and charges may need to be analyzed to determine if adjustments are required for loan repayment.

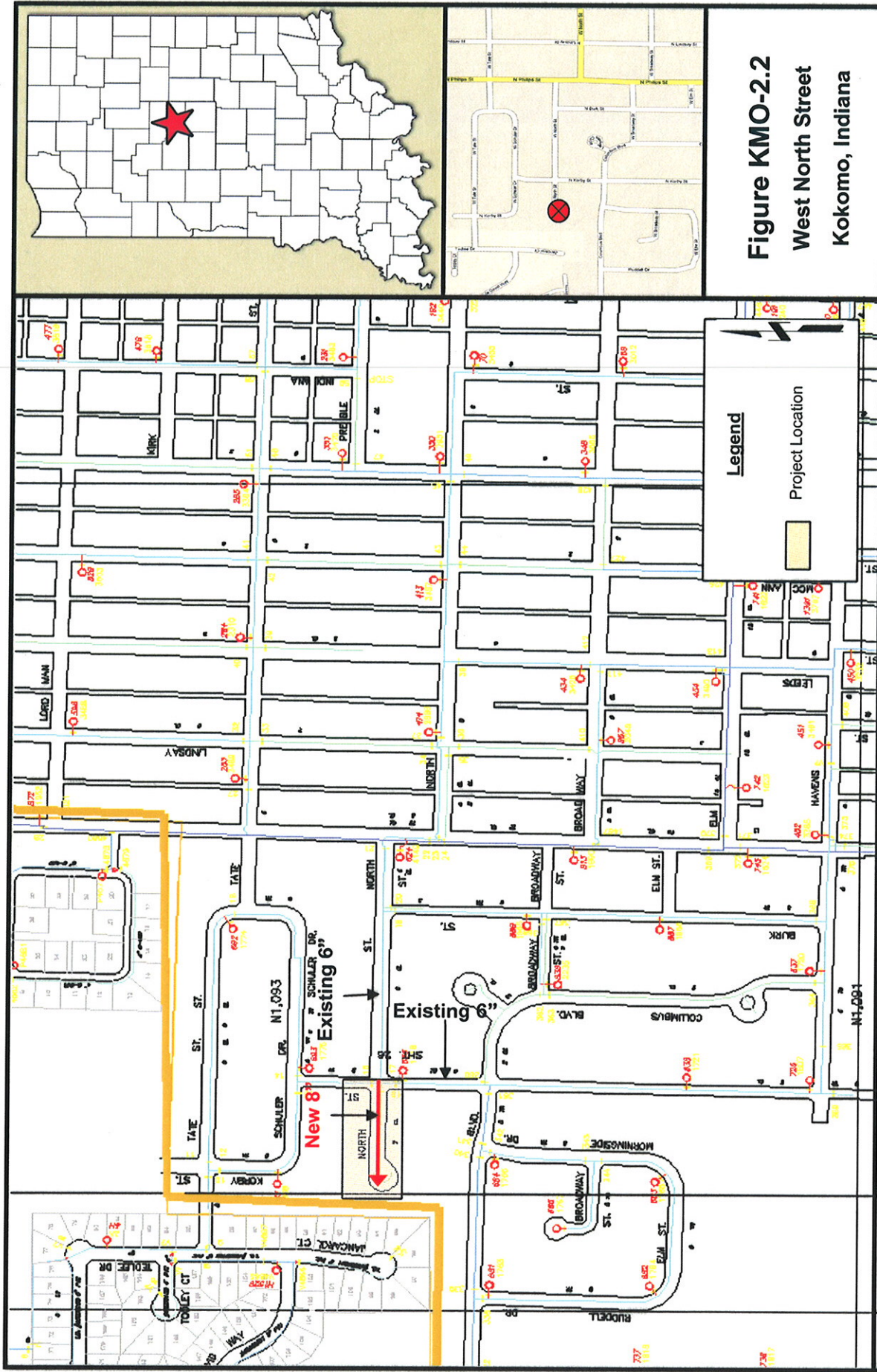
## **V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES**

Environmental impacts will be minimal. The projects will be installed in the existing right-of-ways of West North Street, Redwood Court and South Union Street. The Right-of-ways have been previously disturbed by road construction, installation of the existing water line and installation of underground gas line. The project will not affect streams, wetlands, wooded

areas, the 100-year floodplain, endangered species or the Lake Michigan Coastal Management Zone. The Natural Resources Conservation Service has indicated that the projects will not convert prime farmland. These projects have no potential to affect historic sites (see figures 2.7, 5.7 and 8.7). The SRF's finding pursuant to Section 106 of the National Historic Preservation Act is: "no historic properties affected."

## **VI. PUBLIC PARTICIPATION**

A properly noticed public hearing was held September, 8, 2009 at 10:00 a.m. at Indiana American Water, 1700 E. Superior Street in Kokomo. No written comments were received in the 5-day period following the hearing.

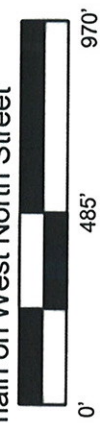


**Figure KMO-2.2**  
**West North Street**  
**Kokomo, Indiana**

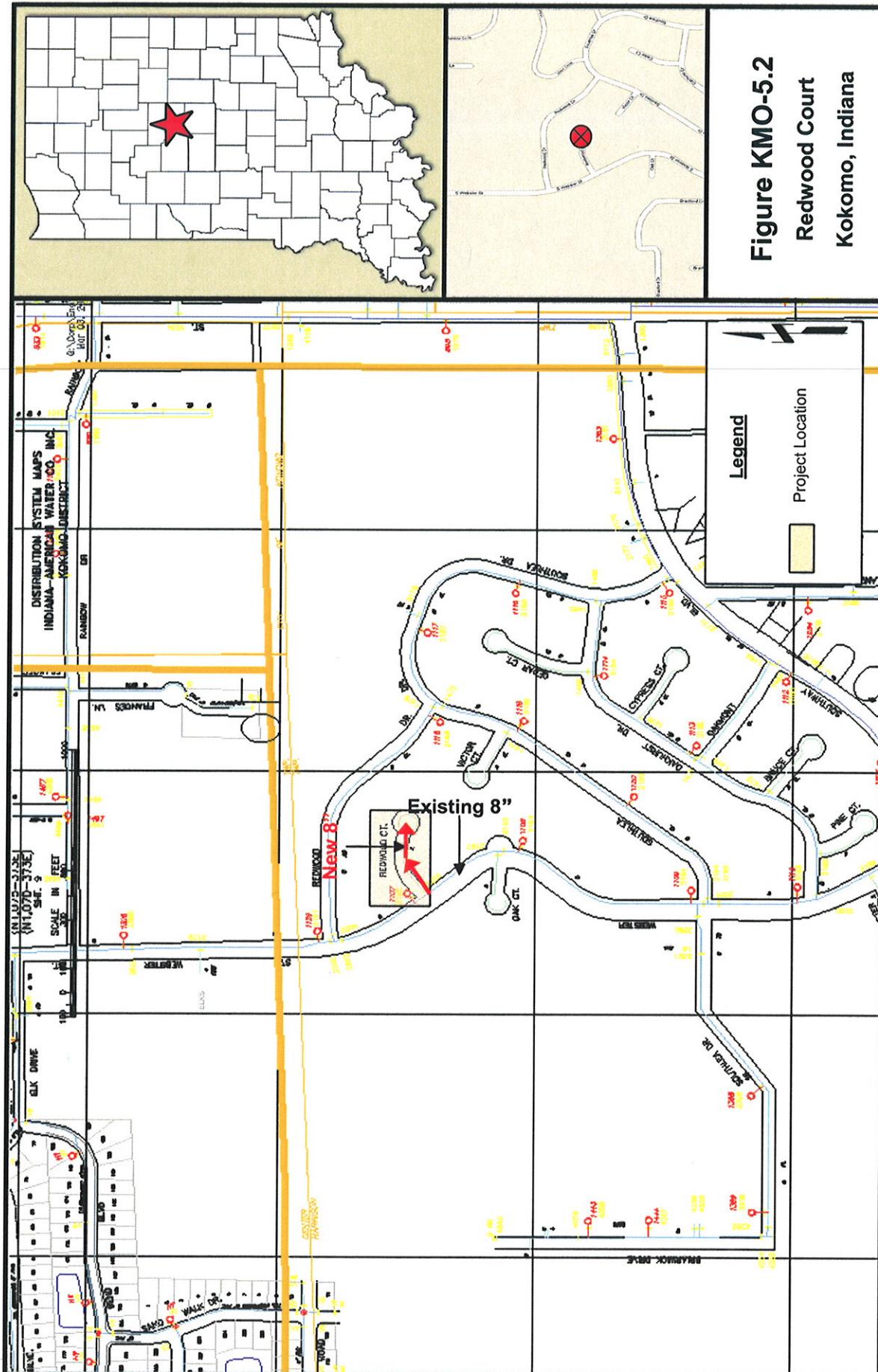
**Legend**  
 Project Location

Install 440 feet of 8" ductile iron main to replace existing 2" cast iron main on West North Street at North Korby Street going west to the end of the cul-de-sac.

**INDIANA**  
**AMERICAN WATER**  
**Kokomo District**







**Figure KMO-5.2**  
**Redwood Court**  
**Kokomo, Indiana**



Install 520 feet of 8" ductile iron main to replace existing 2" cast iron main on Redwood Court from South Webster Street east to end of cul-de-sac.



**Legend**

Project Location



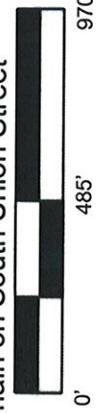


**Figure KMO-8.2**  
**South Union Street**  
**Kokomo, Indiana**

**Legend**  
 Project Location

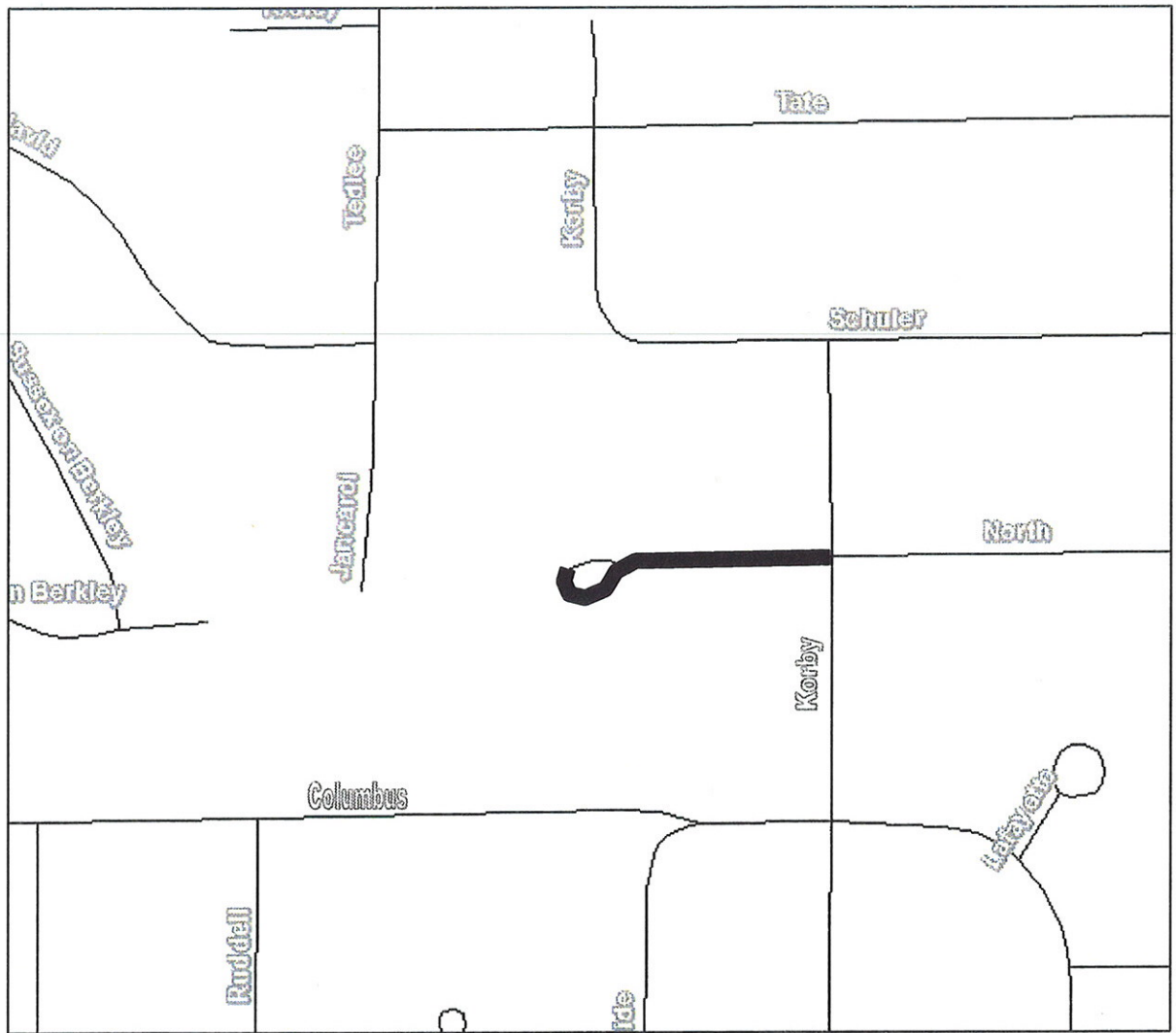
Install 540 feet of 8" ductile iron main to replace existing 2" cast iron main on South Union Street from East Defenbaugh Street to south of East Firmin Street to connect to existing 6" main.

**INDIANA**  
**AMERICAN WATER**  
**Kokomo District**



SCALE: 1" = 485'








Howard County, Center Township –  
Kokomo Scattered Sites Northwest  
Quad, Map 3 (Sites #46148-211, 216-  
224)

0 250 500  
DISTANCE IN FEET

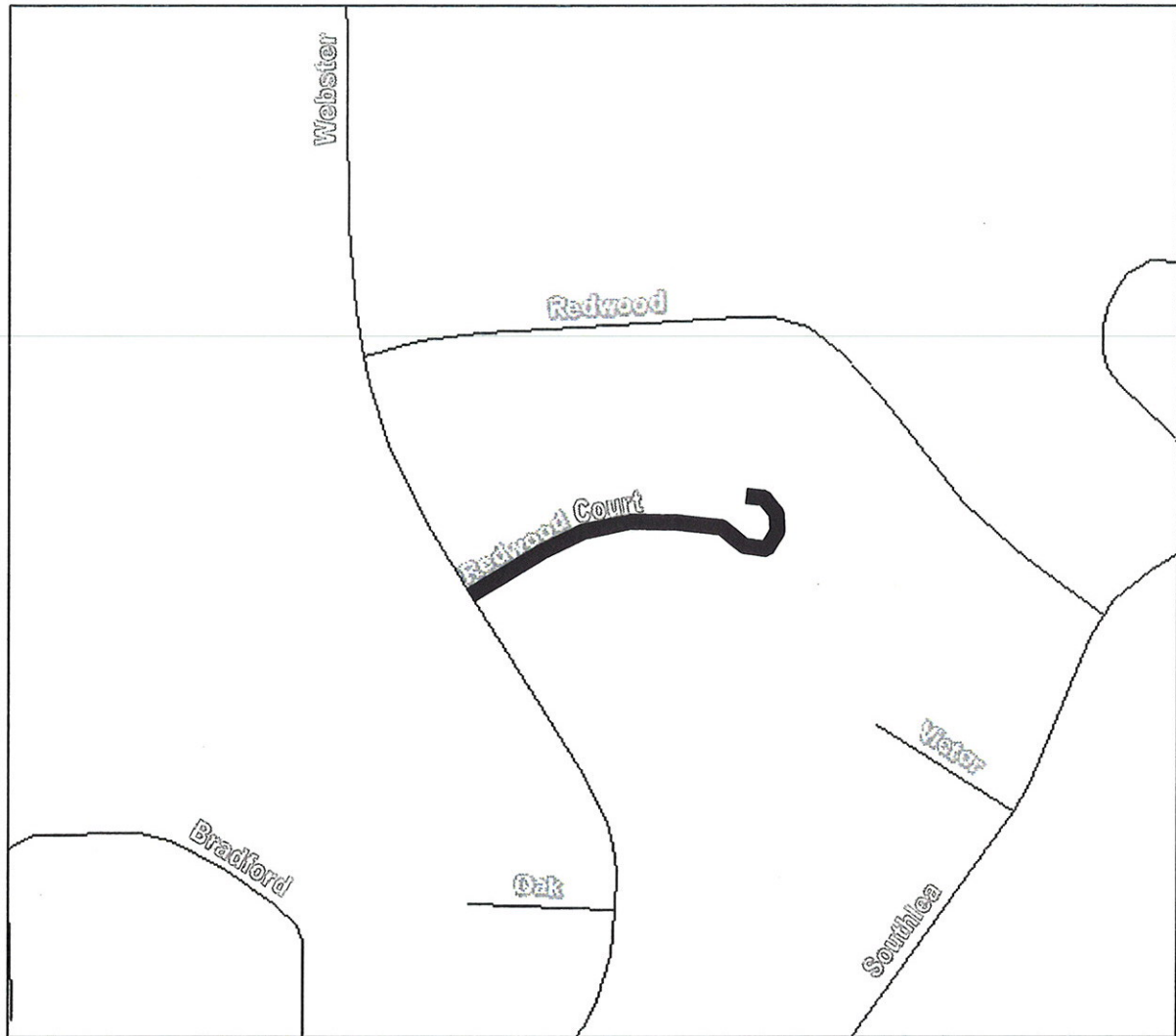
#### LEGEND

-  Water Main Replacement
-  Stream (None in Project Area)
-  Historic Site (None in Project Area)

**Figure KMO-2.7**

INDIANA-AMERICAN WATER COMPANY  
PRELIMINARY ENGINEERING REPORT – KOKOMO  
WATER MAIN REPLACEMENT ON WEST NORTH STREET AT  
NORTH KORBY STREET TO THE END OF THE CUL-DE-SAC





Howard County, Harrison Township –  
Harrison Township Scattered Sites  
(Sites #35001-019)

0 250 500  
DISTANCE IN FEET

#### LEGEND

- Water Main Replacement
- Stream (None in Project Area)
- Historic Site (None in Project Area)

**Figure KMO-5.7**

INDIANA-AMERICAN WATER COMPANY  
PRELIMINARY ENGINEERING REPORT – KOKOMO  
WATER MAIN REPLACEMENT ON REDWOOD COURT AT SOUTH  
WEBSTER STREET EAST TO THE END OF THE CUL-DE-SAC








Howard County, Center Township –  
Kokomo Scattered Sites Southeast  
Quad, Map 7 (Sites #46478-498)

0 250 500  
DISTANCE IN FEET

#### LEGEND

-  Water Main Replacement
-  Stream (None in Project Area)
-  Historic Site

**Figure KMO-8.7**

INDIANA-AMERICAN WATER COMPANY  
PRELIMINARY ENGINEERING REPORT – KOKOMO  
WATER MAIN REPLACEMENT ON SOUTH UNION STREET FROM EAST  
DEFENBAUGH STREET TO SOUTH OF EAST FIRMIN STREET

